

UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM & ENERGY STUDIES

End Semester Examination, December 2021

Program: BBA EPRCC+Mktg+HRM

Subject/Course: Spreadsheet Modeling Course Code: DSQT 2005 Semester: 3

Duration: 03 Hours

Max. Marks: 100

Q.No	Section A (Type the answers in the text box)	10QX2M=20 Marks	COs
	In a spreadsheet, letters are used to represent:		
1	a. Columns	2	
1	b. Blocks	2	1
	c. Rows		
	d. Cells		
	In a computer spreadsheet, absolute Cell reference can be represented as:		
2	a. B3	2	2
	b. \$B\$3	2	2
	c. B\$3		
	d. \$B3		
	In a computer spreadsheet, Cell's address that is included in range C5:E7 is		
3	a. C8 b. D6	2	1
	c. E4	_	1
	d. D9		
4	Write the range to include all cells in row 9.	2	1
4		2	1
	Which of these is the correct row address?		
5	a. AA	2	1
	b. 25	2	1
	c. 3B		
	d. C5		
	In a computer spreadsheet what will be the value of the formula "= $(7-3)*(1+6)/4$ " a.7		
6	b. 1.5	2	2
	c. 2	_	
	d. 12		
	In a computer spreadsheet, Cell range A3 through G3 should be keyed in as:		
	a. A3-G3		
7	b. A3:G3	2	1
	c. A3?.G3		
	d. A3 to G3		
8	In a computer spreadsheet, function used to count number of entries in a given range is:		
	a. LENGTH	•	
	b. COUNTER	2	1
	c. COUNTA		
	d. COUNT		
9	What will be the output for the formula "=SUMPRODUCT({2,3,4},{5,6,7})".	2	3
10	What will be the output of "=COUNT(A1:F1).	2	3
L			

	al					_	_								
	1	A 34	B 2X	67	D	E 44	F 42								
	1	34	2X	67	BQ	44	43						4QX5M=20		
Q.No	Section B (Scan & Upload)													COs	
1	Discuss IF function and nested IF functions giving example?												5	2	
2	How are the spreadsheet functions "COUNT" and "COUNTA" different?												5	3	
3	Demonstrate how SUMPRODUCT can be used to calculate the total bill at a supermarket.												5	3	
4	What are 'Wildcard Characters'? How can they be used in conditional spreadsheet functions (Like SUMIFS, COUNTIFS, etc)?													3	
Q.No	Section C (Scan & Upload)													COs	
1	L M N O P Q R S										10	3			
	1							_	Т						
	2							Gurgaon	Varanasi	Nagpur	Bhopal	Shillong			
	3		D)elhi			125	167	209	251	293	335			
	4	4	Ν	∕lumbai			250	345	440	535	630	725			
	5		K	Colkata			100	123	146	169	192	215			
	6			C	hennai			130	763	1396	2029	2662	3295		
	7	FROM	A	uranga	bad		175	741	1307	1873	2439	3005			
	8	FROIV	' D	Dehradun			200	897.6	1595.2	2292.8	2990.4	3688			
	9		P	anaji			212	1054.2	1896.4	2738.6	3580.8	4423			
	10		L	Lucknow Patna			180	1210.8	2241.6	3272.4	4303.2	5334			
	11		P				95	1367.4	2639.8	3912.2	5184.6	6457			
	12			lyderab			112			4348	5760	l			
		e the spr	reads	heet for	mula	to fin	d cour	rier price fro	m Lucknow	to Nagpur	based on th	e above			
2	grid.			T.									10	3	
2	1	A Name:	<u> </u>	В	C Mar	·kc							10	3	
	2	Mana		Age 25		34									
	3	Rahul	•	27		42									
	4	Jatin		23		62									
	5	Harshi	it	23		34									
	6	Rakesl		28		66									
	7	Rames	sh	22		49									
	8	Suresh	ı	24		59									
	9	Jignes	h	24		38									
	10	Lokesh	า	26		84									
	Using VLOOKUP function find the "Age" & "Marks" of 'Ramesh' and 'Suresh' OR														
3	Using INDEX and MATCH functions, find the "Age" & "Marks" of 'Ramesh' and 'Suresh'. What do you understand by Spreadsheet Modeling?												10	2	
Q.No							(S	Section locan & Upl					2QX15M=30 Marks	COs	
													1		

1		Α	В	С	D	Е	F	G	15	3	
	1										
	2		Asha	45	Passed	23	Dehradun	500			
	3		Ritesh	76	Passed	25	Chennai	200			
	4										
	5	Anchal 26 Failed 27 Dehradun 350									
	6		Lata	84	Passed	25	Chennai	300			
	7		Kunal	65	Passed	24	Kolkata	200			
	8		Lalit	56	Passed	27	Bhubaneshv	350			
	9		Rashi	89	Passed	24	Kolkata	250			
	10		Ramesh	45	Passed	25	Agra	400			
	Write the spreadsheet formula to find total bank balance of students whose names have 5 letters.										
	OR										
	Write the spreadsheet formula to find the average age of students who have "PASSED" and are of age greater than or equal to 24.										
2					alls two mod	lals of hot	tube: the Ac	ua-Spa and the	15	3	
2			wie Jones, the						13	5	
	man										
	prefa										
								as many hot tub			
	shell	s as Howie	e needs.) How	e installs the	e same type	of pump i	nto both hot	tubs. He will			
	have	only 200	pumps availab	le during his	next produ	ction cycle	e. From a ma	nufacturing			
		•	e main differe								
		_	-		•			feet of tubing.			
		•	•			_	•	cts to have 1,566			
	•				_		•	roduction cycle.			
			profit of \$350 fident that he	=	=			=			
	man durir										
	uuill										
	To so										
	To solve this problem on spreadsheet, what would be the Objective function, Variables and the Constraints?										